

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	872	422/82.05-82.11.ccls.	US-PGPUB	OR	ON	2009/12/14 16:18
L4	7730	435/7.1.ccls.	US-PGPUB	OR	ON	2009/12/14 16:18
L6	148	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas.	USPAT	OR	ON	2009/12/14 16:20
L7	12	unlu.in. and resonan\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2009/12/14 16:21
L8	18	6 and (biosensor or bio \$sens\$4 or biosens\$4)	USPAT	OR	ON	2009/12/14 16:22
L9	579	356/519,454.ccls.	USPAT	OR	ON	2009/12/14 16:22
L10	485	356/136,454,480.ccls.	USPAT	OR	ON	2009/12/14 16:23
L11	2200	436/164.ccls.	USPAT	OR	ON	2009/12/14 16:24
L12	2704	436/164,165.ccls.	USPAT	OR	ON	2009/12/14 16:24
L13	1598	385/12.ccls.	USPAT	OR	ON	2009/12/14 16:25
L14	592	436/164,165.ccls.	US-PGPUB	OR	ON	2009/12/14 16:25

S170	189	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) with (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas.	USPAT	OR	ON	2009/12/09 12:05
S171	357	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) with (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:05
S172	326	(biosensor or biosens\$4 or bio\$1sens\$4) and ("435" or "436" or "422"). clas. and (spacing or gap or space) with (adjust\$4 or control\$4 or vary\$4)	USPAT	OR	ON	2009/12/09 12:06
S173	148	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas.	USPAT	OR	ON	2009/12/09 12:09
S174	293	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:12

S175	0	422/82.05-82.11.ocls. and reflective near5 (surface or substrate or layer) near8 (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5)	USPAT	OR	ON	2009/12/09 12:23
S176	14	422/82.05-82.11.ocls. and cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5)	USPAT	OR	ON	2009/12/09 12:24
S177	2131	cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5)	USPAT	OR	ON	2009/12/09 12:24
S178	275	("250" or "356").clas. and cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:26
S179	1	"20060182659".pn. and region	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:26
S180	1	"20020068018".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:32
S181	131	resonan\$3 near3 optic\$4 near3 cavit\$3 same (biosensor or bio\$sens\$4 or sensor)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:34
S182	1	"7384797".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:36
S183	16	("4857273"   "5244636"   "5340715"   "5344784"   "5347784"   "5434663"   "5525466"   "5742633"   "5745231"   "5766957"   "5824023"   "5835231"   "5943136"   "6020207"   "6210910"   "6333458"). PN. OR ("7384797"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/09 12:36

S184	25	S181 and ("385" or "422" or "436").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/09 12:43
S185	131	resonan\$3 near3 opti\$4 near3 cavit\$3 same (biosensor or bio\$sens\$4 or sensor)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 10:44
S186	25	S185 and ("385" or "422" or "436").clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 10:44
S187	16	("4857273"   "5244636"   "5340715"   "5344784"   "5347784"   "5434663"   "5525466"   "5742633"   "5745231"   "5766957"   "5824023"   "5835231"   "5943136"   "6020207"   "6210910"   "6333458"). PN. OR ("7384797"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 10:47
S188	275	("250" or "356").clas. and cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/12/10 10:47
S189	14	422/82.05-82.11.ccls. and cavity with (array or pattern) and (space or spacing or gap or spac \$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5)	USPAT	OR	ON	2009/12/10 10:48
S190	148	(resonan\$4 or resona\$5) near6 (optical or cavity) and (reflect\$4 near4 (surface or layer\$4)) and (space or spacing or gap or spac\$4) near8 (drive or motor or controller or control\$4 or adjuster or adjust\$5) and ("422" or "435" or "436" or "356"). clas.	USPAT	OR	ON	2009/12/10 10:48
S191	8	("4859060"   "4945230"   "5437840"   "5591407"   "5818586"   "5867267"   "6078395"   "6649403"). PN. OR ("7425453"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 11:10

S192	5	S191 and resonan\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 11:13
S195	6	S191 and (cavity or cavities)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/10 11:29
S196	24	("4859060"   "5561523"   "5646729"   "5909280"). PN. OR ("6078395"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 11:31
S198	73	((spr or surface near3 plasmon) same (captur\$4 or bind\$4) and ((mirror or (reflecting or reflective) near2 surface)) with (spac\$3 or adjust\$4 or gap or distance)	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:04
S199	1	"20020068018".pn.	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:31
S201	1174	((mirror or (reflecting or reflective) near2 surface)) with (maintain \$4 or adjust\$4 or keep or stabilize or stabl\$3) near6 parallel	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:34
S202	130	((mirror or (reflecting or reflective) near2 surface)) with (maintain \$4 or adjust\$4 or keep or stabilize or stabl\$3) near6 parallel and (biosensor or spr or surface near3 plasmon or resonan\$4 or binding)	US-PGPUB; USPAT	OR	OFF	2009/12/10 12:34
S203	193	((mirror or (reflecting or reflective) near2 surface)) with (maintain \$4 or adjust\$4 or keep or stabilize or stabl\$3) near6 parallel and (biosensor or spr or surface near3 plasmon or resonan\$4 or binding)	US-PGPUB; USPAT	OR	ON	2009/12/10 12:34
S204	38	S203 and captur\$4	US-PGPUB; USPAT	OR	ON	2009/12/10 12:38
S205	84	S203 and (captur\$4 or attract\$4)	US-PGPUB; USPAT	OR	ON	2009/12/10 12:38
S206	19	S205 and ("356" or "435" or "422" or "436").clas.	US-PGPUB; USPAT	OR	ON	2009/12/10 12:43
S207	1	"20020182716".pn.	US-PGPUB; USPAT	OR	ON	2009/12/10 12:52

S208	1	"20020182716".pn. and (array or pattern or resonan\$4)	US-PGPUB; USPAT	OR	ON	2009/12/10 12:54
S209	87	("20020182716"   "20030157732"   "20040077844"   "20050266583"   "20060024502"   "20060055920"   "4121167"   "4547801"   "4674878"   "4935939"   "4944985"   "5011284"   "5017007"   "5187461"   "5216686"   "5242828"   "5255067"   "5256596"   "5293392"   "5317587"   "5335240"   "5359618"   "5437840"   "5440421"   "5442439"   "5468656"   "5471180"   "5527712"   "5559597"   "5600483"   "5609907"   "5677924"   "5682401"   "5684817"   "5706306"   "5739945"   "5771253"   "5772905"   "5774485"   "5784400"   "5837552"   "5885753"   "5943128"   "5990850"   "5997795"   "5998298"   "6025202"   "6058127"   "6067156"   "6134043"   "6141360"   "6149868"   "6154591"   "6165911"   "6242264"   "6248674"   "6274293"   "6278534"   "6291924"   "6339030"   "6351306"   "6365059"   "6380531"   "6396083"   "6406777"   "6432740"   "6434180"   "6459716"   "6525880"   "6546029"   "6577660"   "6579721"   "6608685"   "6608716"   "6623977"   "6649683"   "6650675"   "6678289"   "6700910"   "6711200"   "6773616"   "6808954"   "6861263"   "6867900"   "6970239"   "6975891"   "6989897").PN. OR ("7511808").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/10 13:01

## EAST Search History (Interference)

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**12/ 14/ 2009 4:30:01 PM**

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